STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/555, 712_

Source: _PCT_

Date Processed by STIC: _11/15/2005_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
    http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
   U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/5555,712

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1_____ Wrapped Nucleics
Wrapped Aminos

The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2_____ Invalid Line Length

The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

3_____ Misaligned Amino
Numbering

The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.

4_____ Non-ASCII

The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**

5_____ Variable Length

Sequence(s)____ contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6_____ PatentIn 2.0
"bug"

A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

7_____ Skipped Sequences
(OLD RULES)

Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.

8_____ Skipped Sequences
(NEW RULES)

Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence.
<210> sequence id number
<400> sequence id number
000

9_____ Use of n's or Xaa's
(NEW RULES)

Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of **n or Xaa**, and which residue **n** or **Xaa** represents.

10_____ Invalid <213>
Response

Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence

11_____ Use of <220>

Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12_____ PatentIn 2.0
"bug"

Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13_____ Misuse of n/Xaa

"n" can **only** represent a single <u>nucleotide</u>; "Xaa" can **only** represent a single <u>amino acid</u>

AMC – Biotechnology Systems Branch – 09/09/2003
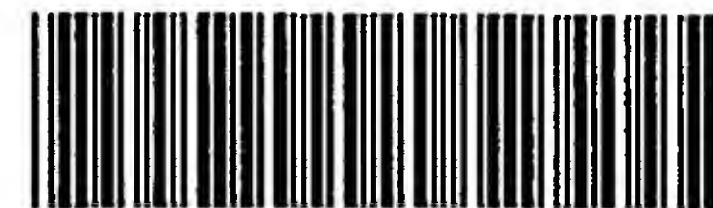
PCT

RAW SEQUENCE LISTING   DATE: 11/15/2005
PATENT APPLICATION: US/10/555,712   TIME: 12:24:40

            Input Set : A:\TIP0072USPCT.ST25.txt
            Output Set: N:\CRF4\11152005\J555712.raw

```
       3 <110> APPLICANT: TIBOTEC PHARMACEUTICALS LTD
       4       DE KOCK, Herman A
       5       WIGERINCK, Peit Tom Bert Paul
       6       BALZARINI, Jan
       8 <120> TITLE OF INVENTION: HIV PRODRUGS CLEAVALBE BY CD26
      10 <130> FILE REFERENCE: TIP0072USPCT
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/555,712
C--> 12 <141> CURRENT FILING DATE: 2005-11-03
      12 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/050753
      13 <151> PRIOR FILING DATE: 2004-05-04
      15 <160> NUMBER OF SEQ ID NOS: 5
      17 <170> SOFTWARE: PatentIn version 3.1
      19 <210> SEQ ID NO: 1
      20 <211> LENGTH: 4
      21 <212> TYPE: PRT
      22 <213> ORGANISM: Artificial Sequence
      24 <220> FEATURE:
      25 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
      27 <400> SEQUENCE: 1
      29 Arg Pro Lys Pro
      30 1
      33 <210> SEQ ID NO: 2
      34 <211> LENGTH: 5
      35 <212> TYPE: PRT
      36 <213> ORGANISM: Artificial Sequence
      38 <220> FEATURE:
      39 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
      41 <400> SEQUENCE: 2
      43 Val Pro Asp Pro Val
      44 1               5
      47 <210> SEQ ID NO: 3
      48 <211> LENGTH: 4
      49 <212> TYPE: PRT
      50 <213> ORGANISM: Artificial Sequence
      52 <220> FEATURE:
      53 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide
      55 <400> SEQUENCE: 3
      57 Gly Pro Tyr Pro
      58 1
      61 <210> SEQ ID NO: 4
      62 <211> LENGTH: 6
      63 <212> TYPE: PRT
      64 <213> ORGANISM: Artificial Sequence
```

Does Not Comply
Corrected Diskette Needed

[handwritten annotations:] Invalid Response: what is the Source of Genetic Material? Pls see Item # 11 on Error Summary Sheet.

[handwritten:] Same Error

RAW SEQUENCE LISTING   DATE: 11/15/2005
PATENT APPLICATION: **US/10/555,712**   TIME: 12:24:40

Input Set : **A:\TIP0072USPCT.ST25.txt**
Output Set: **N:\CRF4\11152005\J555712.raw**

```
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of Artificial Sequence  Peptide
69 <400> SEQUENCE: 4
71 Gly Pro Tyr Pro Tyr Pro
72 1               5
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 4
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence  Peptide
83 <400> SEQUENCE: 5
85 Arg Pro Lys Pro
86 1
```

Same Error (handwritten annotation)
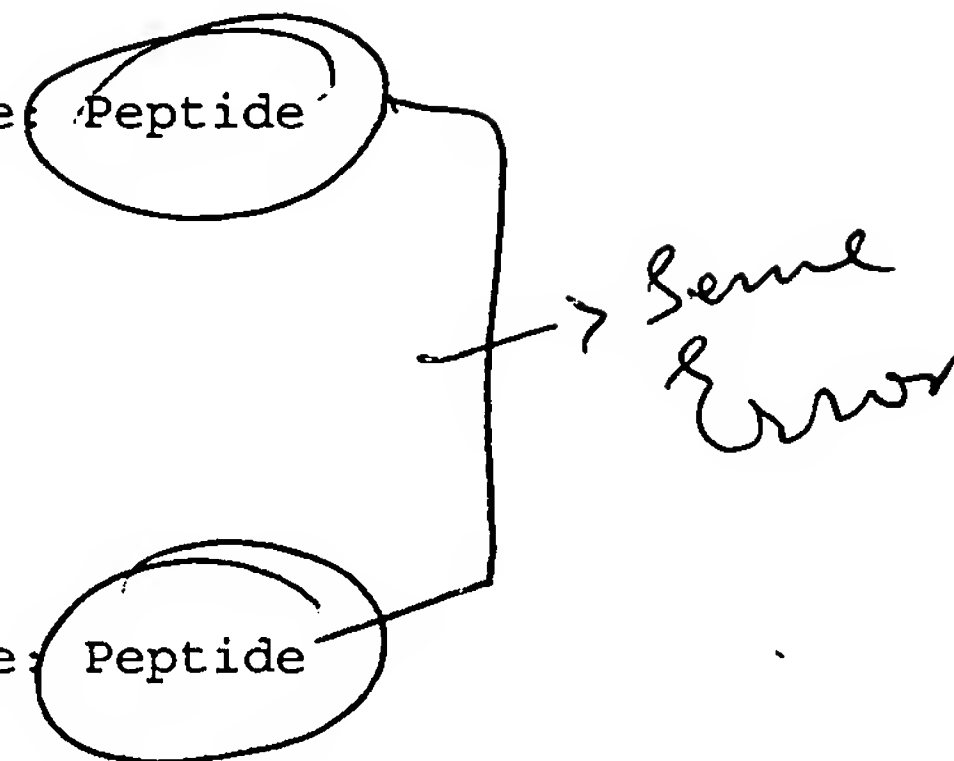
VERIFICATION SUMMARY   DATE: 11/15/2005
PATENT APPLICATION: **US/10/555,712**   TIME: 12:24:41

Input Set : **A:\TIP0072USPCT.ST25.txt**
Output Set: **N:\CRF4\11152005\J555712.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

STATISTICS SUMMARY　　　　　　　　DATE: 11/15/2005
PATENT APPLICATION:　**US/10/555,712**　TIME: 12:24:41

Input Set : **A:\TIP0072USPCT.ST25.txt**
Output Set: **N:\CRF4\11152005\J555712.raw**

Application Serial Number: US/10/555,712
Alpha or Numeric or Xml: Numeric
Application Class:
Application File Date: 11-03-2005
Art Unit: PCT
Software Application: PatentIN3.1
Total Number of Sequences: 5
Total Nucleotides: 0
Total Amino Acids: 23
Number of Errors: 0
Number of Warnings: 0
Number of Corrections: 2

MESSAGE SUMMARY

270 C: 1 (Current Application Number differs)
271 C: 1 (Current Filing Date differs)